

11

PLUS Search Results for S/N 10631911, Searched April 18, 2005

The Patent Linguistics Utility System (PLUS) is a USPTO automated search

system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are

most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

5402543
5954696
6235007
4353048
4404006
4611591
4792097
4861617
5366275
5433194
6021776
3696932
3793810
4140105
4270052
4278084
4280505
4298358
4338267
4344144
4350477
4370986
4375813
4386948
4394578
4402569
4437461
4452242
4452239
4465485
4515606
4534360
4566452
4587966
4607634

10631911_LIST

4630485
4774941
4809706
4846153
4886055
4926859
4938750
4944726
4955874
5005180
5013303
5060514
5183037
5201714
5211633

10631911_QUAL

5402543 87
5954696 81
6235007 81
4353048 81
4404006 81
4611591 81
4792097 81
4861617 81
5366275 81
5433194 81
6021776 81
3696932 80
3793810 80
4140105 80
4270052 80
4278084 80
4280505 80
4298358 80
4338267 80
4344144 80
4350477 80
4370986 80
4375813 80
4386948 80
4394578 80
4402569 80
4437461 80
4452242 80
4452239 80
4465485 80
4515606 80
4534360 80
4566452 80
4587966 80
4607634 80
4630485 80
4774941 80
4809706 80
4846153 80
4886055 80
4926859 80
4938750 80
4944726 80
4955874 80
5005180 80
5013303 80
5060514 80
5183037 80

10631911_QUAL

5201714 80
5211633 80

10631911 WEST

(5402543 5954696 6235007 4353048 4404006 4611591 4792097 4861617 53662
75 5433194 6021776 3696932 3793810 4140105 4270052 4278084 4280505 429
8358 4338267 4344144 4350477 4370986 4375813 4386948 4394578 4402569 4
437461 4452242 4452239 4465485 4515606 4534360 4566452 4587966 4607634
4630485 4774941 4809706 4846153 4886055 4926859 4938750 4944726 49558
74 5005180 5013303 5060514 5183037 5201714 5211633).pn.

10631911_EAST

(5402543
5954696
6235007
4353048
4404006
4611591
4792097
4861617
5366275
5433194
6021776
3696932
3793810
4140105
4270052
4278084
4280505
4298358
4338267
4344144
4350477
4370986
4375813
4386948
4394578
4402569
4437461
4452242
4452239
4465485
4515606
4534360
4566452
4587966
4607634
4630485
4774941
4809706
4846153
4886055
4926859
4938750
4944726
4955874
5005180
5013303
5060514
5183037

10631911_EAST

5201714

5211633) .pn.

10631911_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10631911 on April 18, 2005

Original Classifications

2 128/200.21
2 128/205.24

Cross-Reference Classifications

5 261/DIG 65
4 128/205.24
3 128/205.12
3 604/126
2 128/200.13
2 128/200.14
2 128/200.18
2 128/200.21
2 128/204.21
2 128/DIG 12
2 210/445
2 604/131
2 606/10

Combined Classifications

6 128/205.24
5 261/DIG 65
4 128/200.21
4 128/205.12
4 604/126
3 128/200.14
2 55/502
2 96/6
2 128/200.13
2 128/200.18
2 128/202.22
2 128/203.25
2 128/204.21
2 128/DIG 12
2 210/445
2 239/338
2 600/538
2 604/131
2 606/10

10631911_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10631911 on April 18, 2005

6 128/205.24 (2 OR, 4 XR)

Class 128 : SURGERY

128/200.24 RESPIRATORY METHOD OR DEVICE

128/204.18 .Means for supplying respiratory gas under positive pressure

128/205.24 ..Valve, or valve control, structure

5 261/DIG 65 (0 OR, 5 XR)

Class 261 : GAS AND LIQUID CONTACT APPARATUS

261/DIG 65 Vaporizers

4 128/200.21 (2 OR, 2 XR)

Class 128 : SURGERY

128/200.14 LIQUID MEDICAMENT ATOMIZER OR SPRAYER

128/200.21 .Gas stream aspirating medicament from reservoir

4 128/205.12 (1 OR, 3 XR)

Class 128 : SURGERY

128/200.24 RESPIRATORY METHOD OR DEVICE

128/204.18 .Means for supplying respiratory gas under positive pressure

128/205.12 ..Means for removing substance from respirator

y

gas

4 604/126 (1 OR, 3 XR)

Class 604 : SURGERY

604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM

M

BODY FOR THERAPEUTIC PURPOSES (E.G., ME

DICATING,

IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed from body orifice, or inserted or remove

d subcutaneously

other than by diffusing through skin

604/93.01 ..Material introduced or removed through conduit, holder, or implantable reservoir

inserted in body

604/122 ...Having means for eliminating and/or preventing injection of air into body

10631911_CLSTITLES

604/126By hydrophilic or hydrophobic filters

3 128/200.14 (1 OR, 2 XR)

Class 128 : SURGERY

128/200.14 LIQUID MEDICAMENT ATOMIZER OR SPRAYER

2 55/502 (1 OR, 1 XR)

Class 055 : GAS SEPARATION

55/490 WITH MEANS SECURING OR RETAINING SEPARATING MEDIA

55/495 .Unit or cohesive sheet-like media in flow lin

e

or frame

55/502 ..Gasket or sealing means

2 96/6 (1 OR, 1 XR)

Class 096 : GAS SEPARATION: APPARATUS

96/4 APPARATUS FOR SELECTIVE DIFFUSION OF GASES (E.G., SEMIPERMEABLE MEMBRANE, ETC.)

96/6 .Membrane to degasify liquid

2 128/200.13 (0 OR, 2 XR)

Class 128 : SURGERY

128/200.11 MEANS FOR PASSING RESPIRATORY GAS THROUGH BODY OF LIQUID BEFORE INHALATION

128/200.13 .Plural orifice means passing gas into liquid

2 128/200.18 (0 OR, 2 XR)

Class 128 : SURGERY

128/200.14 LIQUID MEDICAMENT ATOMIZER OR SPRAYER

128/200.18 .Spray impinged against baffle in or adjacent flow conduit

2 128/202.22 (1 OR, 1 XR)

Class 128 : SURGERY

128/200.24 RESPIRATORY METHOD OR DEVICE

128/202.22 .Means for indicating improper condition of apparatus

2 128/203.25 (1 OR, 1 XR)

Class 128 : SURGERY

128/200.24 RESPIRATORY METHOD OR DEVICE

128/203.12 .Means for mixing treating agent with respiratory gas

128/203.25 ..Means for varying treating agent/respiratory gas ratio

10631911_CLSTITLES

- 2 128/204.21 (0 OR, 2 XR)
 Class 128 : SURGERY
 128/200.24 RESPIRATORY METHOD OR DEVICE
 128/204.18 .Means for supplying respiratory gas under
 positive pressure
 128/204.21 ..Electric control means
- 2 128/DIG 12 (0 OR, 2 XR)
 Class 128 : SURGERY
 128/DIG 12 PRESSURE INFUSION
- 2 210/445 (0 OR, 2 XR)
 Class 210 : LIQUID PURIFICATION OR SEPARATION
 210/348 FILTER
 210/435 .Within flow line or flow line connected close
 casing
 210/445 ..Clamped in casing joint
- 2 239/338 (1 OR, 1 XR)
 Class 239 : FLUID SPRINKLING, SPRAYING, AND DIFFUSING
 239/302 INCLUDING SUPPLY HOLDER FOR MATERIAL
 239/337 .Fluid pressure discharge means
 239/338 ..Material atomized in holder (e.g., nebulizer
)

- 2 600/538 (1 OR, 1 XR)
 Class 600 : SURGERY
 600/300 DIAGNOSTIC TESTING
 600/529 .Respiratory
 600/538 ..Measuring breath flow or lung capacity

- 2 604/131 (0 OR, 2 XR)
 Class 604 : SURGERY
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO

M

BODY FOR THERAPEUTIC PURPOSES (E.G., MED
 ICATING,

- IRRIGATING, ASPIRATING, ETC.)
 604/48 .Treating material introduced into or removed
 from body orifice, or inserted or removed
 subcutaneously
 other than by diffusing through skin
 604/93.01 ..Material introduced or removed through
 conduit, holder, or implantable reservoir
 inserted in body
 604/131 ...Treating material forced into or out of bod

10631911_CLSTITLES

y

, or mechanical

on or

by self-acting fluid pressure, motor-driven
energy storing means (e.g., pressure infusi
aspiration, etc.)

2	606/10	(0 OR, 2 XR)
	Class	606 : SURGERY
	606/1	INSTRUMENTS
	606/2	.Light application
	606/10	..Systems

ability 1
 about 10
 above 3
 abstract 1
 abuse 8
 accept 2
 acceptance 12
 accepting 1
 access 7
 accessed 1
 accessing 2
 accommodate 1
 accordance 53
 act 1
 activated 1
 activating 3
 activation 6
 activities 1
 actuating 1
 actuation 1
 acutely 1
 adapted 2
 added 1
 addition 4
 additional 4
 address 1
 administered 5
 administration 51
 admixture 1
 aed 2
 af 2
 after 5
 aga 1
 again 2
 against 1
 agent 1
 agents 1
 air 17
 aligned 1
 allegedly 1
 allow 1
 along 3
 also 8
 alternative 2
 alternatives 1
 ambient 2
 ambulance 1
 ambulances 1

amnesia 4
 amnesic 1
 amount 26
 an 43
 analgesia 5
 analgesic 4
 analysis 2
 analyzing 1
 and 183
 anesthesia 2
 anesthetic 9
 anot 1
 another 42
 anterograde 1
 anterograde 4
 anxiety 5
 anxiolysis 4
 anxiolytic 1
 any 2
 apparatus 54
 applicable 1
 application 12
 applied 1
 apply 1
 approval 3
 approved 1
 are 16
 area 1
 argon 1
 arrays 3
 arrhythmia 4
 art 1
 as 41
 aspect 6
 aspects 2
 assemblies 3
 assembly 10
 assist 1
 associated 2
 asthma 1
 at 28
 atrial 19
 attachable 1
 attached 2
 attachment 1
 attitude 1
 attractive 2
 august 1

automatic 2
 available 2
 background 2
 bag 1
 base 3
 based 7
 basis 6
 bathing 1
 be 25
 bearing 3
 because 2
 been 8
 before 1
 begin 1
 being 4
 below 2
 benefit 3
 between 4
 blender 6
 blenders 1
 blending 2
 block 7
 boc 1
 body 11
 both 1
 bottom 2
 breaching 1
 breath 1
 breathable 1
 breathing 7
 brief 1
 bursts 1
 but 1
 by 30
 cal 2
 can 12
 canister 2
 cannot 1
 cannula 5
 capability 2
 carbon 2
 cardiac 8
 cardioverter 2
 care 4
 carried 1
 carrying 4
 cartridge 41
 cartridges 15

case 7
 cassette 43
 causing 2
 ccordance 1
 center 1
 certain 4
 chamber 8
 chambers 1
 characterized 1
 claims 1
 clinics 1
 closable 1
 closed 5
 closing 1
 cm 1
 co 6
 coa 1
 coded 1
 cold 1
 collecting 1
 collection 1
 collective 1
 collectively 1
 colors 1
 combined 1
 combines 1
 commercial 1
 compact 1
 compatible 2
 comply 1
 component 4
 components 3
 composition 3
 compositions 1
 compressed 50
 comprise 1
 comprises 34
 comprising 11
 concerning 1
 concerns 1
 conditions 1
 configuration 6
 connect 1
 connectable 2
 connected 2
 connecting 25
 connection 12
 conscious 1

consciousness 1
 conservative 1
 considered 1
 considers 1
 constructs 1
 consumable 1
 contacts 1
 container 2
 containers 1
 containing 17
 content 6
 contents 3
 contractions 1
 control 22
 controlling 5
 controls 1
 cooperatively 2
 correct 2
 corresponding 6
 cost 2
 create 1
 criteria 3
 critical 1
 cross 23
 cylinder 3
 cylinders 9
 daily 1
 dangers 1
 date 1
 day 1
 def 2
 defibrillating 3
 defibrillation 11
 defibrillator 2
 defibrillators 1
 defined 2
 deliver 1
 delivered 1
 delivering 9
 delivers 1
 delivery 28
 demand 6
 dental 1
 described 3
 describes 1
 description 3
 desirable 1
 detailed 1

detect 1
detecting 1
determined 1
device 27
devices 6
diagram 10
different 3
dioxide 2
direct 1
disassembled 2
disclosed 3
discloses 17
disclosure 2
discovery 1
discusses 1
discussion 1
disk 9
dispenser 1
displaced 2
disposable 1
disposed 8
dissipate 1
dissolved 1
distance 1
distributors 1
doc 1
does 2
dose 7
drawings 2
drug 8
drugs 1
due 2
duration 1
during 5
each 1
ease 1
easily 1
easing 4
easy 2
effect 3
effective 2
effects 2
eight 1
either 3
electrical 3
elements 1
elevational 61
elevationalz 1

embodiment 91
embodiments 1
emergency 4
end 6
energy 1
engage 2
engages 2
enhanced 1
ent 1
entering 1
entirety 1
entonox 2
entrain 1
entry 1
environment 1
equal 2
equipment 1
er 1
era 1
erably 3
ernbodiment 1
etc 1
ether 2
even 1
example 4
examples 4
exception 1
exists 1
exploded 2
extent 1
external 2
eye 1
face 3
fact 2
fail 1
far 1
fda 4
features 1
female 2
fibrillation 7
field 1
fig 94
figs 2
figures 1
filed 1
filing 1
first 28
fixed 1

flammability 1
flow 4
follows 2
food 1
for 141
form 5
former 1
forming 1
from 34
front 12
fully 1
function 1
functional 4
functioning 1
further 4
furthermore 2
gas 252
gases 29
general 1
generally 4
generated 1
grade 2
grams 1
had 1
hand 3
handheld 1
handling 1
hard 1
has 4
have 9
having 5
hazardous 1
he 3
health 1
heart 1
heating 4
held 2
heliox 1
helium 4
herein 2
high 1
highly 2
historically 1
history 1
holder 1
holding 1
home 6
homogeneous 2

hospitals 1
hours 1
housing 101
ibrillation 2
ically 1
icb 1
icd 3
icds 1
if 3
iia 1
iib 1
illustrate 1
illustrates 1
immediately 3
implant 1
implantab 1
implantable 1
implanted 1
implants 1
impossible 1
in 145
inability 1
includ 1
include 9
included 1
includes 43
including 20
inclusion 1
incorporated 1
incorporates 2
incw 1
indicia 4
inducing 1
industry 1
inert 2
influence 1
inhalant 2
inhalation 9
inhale 2
inhaler 1
inhaling 1
injured 1
inlet 1
input 6
insensitive 1
inserted 4
insertion 3
instead 1

intake 1
intended 3
interconnecting 1
interface 8
intermediate 1
internal 1
international 2
into 7
invention 86
involved 2
ioa 1
iob 1
ioc 1
irregularity 1
is 70
issues 2
it 5
its 3
itself 1
key 7
keys 6
kit 1
known 4
large 6
last 1
latter 1
least 15
leaving 1
less 5
letters 1
levels 1
lever 1
life 1
light 1
like 4
likely 1
limited 1
limiting 2
linde 1
liquefied 1
liquid 4
listed 1
lives 1
ll 1
llb 1
location 3
locations 2
long 3

lower 31
 machine 4
 made 1
 major 2
 making 1
 male 2
 management 4
 manner 2
 marketing 1
 mas 1
 mask 3
 mass 1
 match 1
 matching 1
 materials 1
 matrix 1
 matter 1
 may 7
 means 114
 measurqs 1
 mechanism 3
 mechanisms 1
 med 2
 medical 129
 medically 2
 medication 2
 medimix 1
 meet 1
 meets 1
 member 22
 members 2
 membranes 1
 metal 1
 metered 1
 method 18
 methods 5
 minute 1
 minutes 9
 misuse 6
 mixed 1
 mixes 1
 mixing 2
 mixture 7
 mixtures 9
 mode 1
 mole 1
 more 4
 most 3

mountable 5
mounted 8
mounting 14
mouth 1
movable 1
moving 2
mucous 1
multi 2
multiple 1
myocardium 1
namely 1
nature 1
nda 1
necessary 1
neck 1
ned 1
need 6
needle 5
needlepoint 1
neon 1
never 1
new 2
nf 1
ng 3
nitric 3
nitrogen 2
nitronox 2
nitrous 13
nk 1
no 20
non 4
nonaddictive 1
none 1
normal 6
nose 1
not 9
notify 1
now 1
number 1
numbers 1
nzo 1
oa 2
ob 1
objects 2
obtaining 1
of 456
ompressed 1
on 18

once 1
 one 47
 only 6
 onset 1
 openable 1
 opening 2
 operate 1
 operation 8
 operational 1
 or 44
 order 2
 other 13
 ounces 2
 outlet 1
 outlets 1
 outpatient 5
 outpatients 2
 output 4
 outright 1
 outside 1
 over 1
 overall 1
 overdosing 2
 own 1
 oxide 16
 oxygen 18
 oz 1
 package 1
 packaged 1
 packaging 1
 page 27
 pain 5
 pair 1
 partial 2
 partially 24
 particular 4
 particularly 2
 pat 1
 patent 24
 patentee 1
 patient 92
 patients 4
 per 1
 percent 2
 period 5
 periods 2
 permitted 1
 permitting 1

person 1
personal 1
personnel 2
persons 1
perspective 9
pf 1
pharmaceutical 1
pharmaceuticals 2
phobia 1
physical 1
pin 1
place 1
plug 4
plurality 17
port 6
portable 10
portion 42
portions 1
position 5
positioning 6
possibility 1
potential 3
pounds 2
powdered 1
ppm 1
practical 1
precise 1
predeterm 1
predetermined 32
pref 3
preferably 16
preferred 30
premixed 1
prescribed 1
presence 1
present 80
pressure 22
pressuri 1
pressurized 5
preventing 1
pricing 1
primarily 2
prior 7
problems 1
procedure 1
procedura 1
procedures 2
produce 1

produces 4
producing 1
product 5
products 1
professional 1
professionals 1
propellant 2
property 2
provide 4
provided 3
provides 5
providing 17
provisional 1
pseudo 1
psi 1
psig 2
puncturable 1
puncture 1
punctured 2
puncturing 11
pure 1
purposes 7
qqq 1
quality 1
quantified 1
quickly 2
randomized 1
ranging 1
rapid 3
rapidly 1
rarely 1
rate 2
readily 1
realized 2
reason 2
reasons 2
rebreathing 1
receiving 3
recreational 6
reduce 1
reduced 4
reducing 4
reduction 1
refer 1
referably 1
reference 2
refers 1
refilling 2

regarding 1
regulated 1
regulation 1
regulations 1
regulator 2
regulators 3
regulatory 3
related 2
relatively 3
relaxation 1
release 3
released 1
releases 1
releasing 4
remaining 1
removable 11
removably 3
removed 2
render 1
renders 1
replaced 2
representation 2
require 2
required 5
requires 3
reservoir 1
resistant 4
respect 1
respiration 4
resume 1
return 2
returns 1
rhythm 5
right 1
risk 1
rom 2
room 6
rotatably 2
rotating 4
routine 1
safe 2
safety 4
said 7
schematic 48
science 1
seal 2
sealable 1
sealably 1

sealed 7
sealing 8
sealingly 1
second 27
section 1
sectional 22
security 1
selecting 1
self 8
sens 1
sensed 5
sensing 6
sensor 7
sensorium 1
separable 1
separate 5
serve 1
services 1
several 4
shipment 1
shock 8
short 4
showing 3
shown 35
side 41
significant 3
similar 2
single 6
sites 1
six 2
size 3
slidable 2
sliding 1
small 3
smoking 2
so 6
soft 3
sold 1
some 2
sometimes 1
source 2
sources 1
specialized 4
specif 1
specific 4
spindle 2
spontaneous 1
stand 1

standard 2
 standardized 1
 start 1
 stated 1
 states 1
 storing 2
 stress 2
 strongly 1
 structural 1
 subject 1
 subsequent 3
 subsequently 1
 substantially 3
 substitute 1
 such 27
 sufficient 2
 suitable 1
 summary 1
 superimposed 1
 supervised 1
 supervision 2
 supplied 1
 supplies 2
 supply 31
 supplying 6
 supporting 1
 surface 5
 surgery 1
 surgical 1
 system 53
 systems 2
 systems 5
 tachycardia 1
 take 1
 tamper 4
 tank 1
 targets 1
 temperature 1
 term 4
 terminates 2
 terminating 4
 terms 2
 than 6
 that 22
 the 763
 theft 1
 their 6
 themselves 1

then 2
therapeutic 43
therapy 2
there 3
thereby 2
therefor 1
therefore 3
therein 1
thereof 6
thereto 1
therewith 1
these 8
they 2
this 19
those 1
thread 2
threaded 4
threads 1
three 1
through 3
tight 1
time 3
timer 1
tn 1
to 107
top 11
total 1
tp 1
traceability 1
traceable 3
trackable 3
trademark 1
traditional 1
trained 1
transfer 1
transferring 2
transport 1
transportable 1
treatment 5
tube 1
tubing 1
twice 1
two 2
type 1
types 1
unacceptable 2
under 2
undergone 1

unit 7
united 1
unlikely 1
up 2
upon 4
upper 45
usable 2
use 21
used 15
uses 1
using 5
usp 1
usually 1
utilize 2
utilized 1
utilizes 1
value 2
valve 12
valves 3
vapor 1
variant 4
various 2
ventricular 10
version 1
very 1
vessel 1
vf 3
view 52
volumes 4
wall 4
weight 6
well 3
when 11
where 3
whereby 13
whether 1
which 40
while 1
who 1
whose 1
why 2
will 3
with 91
within 27
wo 2
work 1
would 2
xe 4

10631911_WDS

xenon 6
yet 1
zed 1